

File

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25X1A

August 5, 1963

*to
1 Dev. Br.
Cont. Fil.*

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Subject: Monthly Progress Report
Panoramic Stereoviewer

Gentlemen:

Enclosed are the original and three (3) copies of our Monthly Progress Report for the period from June 29 to July 26, 1963.

An information copy has been forwarded to the Contracting Officer under separate cover.

Very truly yours,

[REDACTED]

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Analytical & Photogrammetric
Instrument Sales

TJG:bp
Enc.

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DECLASS REVIEW by NIMA/DOD

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Panoramic Stereoviewer

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Progress Report

Covering the period from June 29 to July 26, 1963

During this reported period work was performed and progress made in the following areas:

1. Glass drums to replace plastic drums.
 2. Electrical wiring of the instrument.
 3. Illumination and optical condensing system.
 4. Motor drives and film tensioning control.
 5. Counter mounts and counter drives.
 6. Manual drives.
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1. Glass drum blanks received: Specifications for grinding and polishing and mounting completed. First pair of drums to be completed and ready for mounting the third week of August. A total of four drums are to be made - including two spares.
 2. Electrical wiring of the viewer was started in July. Electrical panels were installed and wiring approximately 50% completed.
 3. Problem with banding of the light from the optical condensing system has been resolved. The solution is to use an anamorphic lens in the condensing system. A mount for the additional lens is being designed.
 4. Selection of the motors and gear reduction for drive has been made. Design of motor mounts and reduction drive was started. The torque limiting portion of the speed control design was finalized. Mechanical components of film diameter sensing were completed.
 5. All components for counter mounts and counter drive linkage were completed.
 6. All components for the modification of the manual drives were completed.

No evaluation of the optical system for viewing film in stereo, has been possible to date due to mechanical and electrical work on the instrument.

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- 2 -

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Panoramic Stereoviewer - Progress Report (continued)

Schedule to date is to complete the assembly of the instrument the 1st of September. Two weeks are estimated to be required for adjustment and minor modification, after completion of the assembly. Tentatively the instrument will be ready for customer inspection on or about the middle of September.

Expenditures to date

Engineering.....

Manufacturing

Material

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5 August 1963

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